

Sheet1

NORMAL DISTRIBUTION							
Total PCB conc.	(mg/kg)			Total PCB conc.	(mg/kg)		
	0.0295				0.0295		
	0.041				0.041		
	0.04175				0.04175		
	0.0425				0.0425		
	0.086				0.086		
	0.102				0.102		
	0.25				0.25		
	0.28				0.28		
	0.36				0.36		
	0.366				0.366		
	0.86				0.86		
	0.9				0.9		
	1.83				1.83		
	3.7				3.7		
	27.8				27.8		
	42.05				42.05		
	59				59		
	70				70		
	158						
arith. mean	19.24941			arith. mea	11.54104		
st. dev	40.04498			st. dev	22.41787		
num. samples	19			num. sam	18		
t-stat	1.734			t-stat	1.74		
19.24940789	40.04498	4.358899	15.93017	11.54104	22.41787	4.242641	9.194062
UCL =	35.17958			UCL =	20.7351		

All DB data pts.

Minus DB-3 (158 mg/kg)

Sheet1

Total PCB conc. (mg/kg)	Total PCB conc. (mg/kg)
0.0295	0.0295
0.041	0.041
0.04175	0.04175
0.0425	0.0425
0.086	0.086
0.102	0.102
0.25	0.25
0.28	0.28
0.36	0.36
0.366	0.366
0.86	0.86
0.9	0.9
1.83	1.83
3.7	3.7
27.8	27.8
42.05	42.05
59	
arith. mea st. dev num. sam t-stat 8.102279 17.5447 17 1.746 17.5447 4.123106 7.429603 UCL = 15.53188	arith. mea st. dev num. sam t-stat 4.921172 12.03487 16 1.753 4.921172 12.03487 4 5.274283 UCL = 10.19545

Minus DB-3 (158 mg/kg)
DB-5 (70 mg/kg)

Minus DB-3 (158 mg/kg)
DB-5 (70 mg/kg)
DB-9 (59 mg/kg)

Sheet 1

Total PCB conc. (mg/kg)										Total PCB conc. (mg/kg)
0.0295										0.0295
0.041			o							0.041
0.04175										0.04175
0.0425										0.0425
0.086										0.086
0.102										0.102
0.25										0.25
0.28										0.28
0.36										0.36
0.366										0.366
0.86										0.86
0.9										0.9
1.83										1.83
3.7										3.7
27.8										
arith. mea	2.445917									arith. mea 0.634911
st. dev	7.081763									st. dev 1.014256
num. sam	15									num. sam 14
t-stat	1.761									t-stat 1.771
2.445917	7.081763	3.872983	3.219995							0.634911 1.014256 3.741657 0.480067
UCL =	5.665911									UCL = 1.114978

minus DB-3 (15.8 ppm)
DB-5 (7.0 ppm)
DB-9 (5.9 ppm)
DB-7 (ave = 4.2 ppm)

DB-3
DB-5
DB-9
DB-7
DB-13 (27.8 ppm)